

CLAIMS

1-41. (Cancelled)

42. (New) A transceiver comprising:

a transmitter for transmitting information over an air interface at a transmission rate;
a temperature measuring device for determining a temperature of said transceiver; and
a processor coupled to said transmitter and said temperature measuring device, said processor configured to:
compare said measured temperature with a threshold temperature; and
selectively reduce a transmission power level associated with a transmission originating from said transceiver based on said comparison.

43. (New) The transceiver of claim 42, further comprising an output device associated with said transceiver for providing an indication of said measured temperature.

44. (New) The transceiver of claim 42, wherein said processor is further configured to respond to transmit power control commands.

45. (New) The transceiver of claim 44, wherein said processor is further configured to increase said transmit power and reduce a transmission rate in response to receiving a transmit power control command instructing said transceiver to increase its transmit power

46. (New) The transceiver of claim 45, wherein said processor is further configured to request said transmission rate reduction prior to implementing said transmission rate reduction.

47. (New) The transceiver of claim 44, wherein said processor is further configured to:
- cause said transmission rate reduction to be implemented in said transceiver; and
 - cause an indication of said transmission rate reduction to be transmitted.
48. (New) The transceiver of claim 42, wherein said processor is further configured to cause said transmit power and said transmission rate to be reduced when said measured temperature exceeds said threshold temperature.
49. (New) The transceiver of claim 43, wherein said reduced transmission power is displayed as a percentage of a maximum transmission power.
50. (New) The transceiver of claim 49, wherein said maximum transmission power is related to the maximum transmission power of said transceiver.
51. (New) The transceiver of claim 43, wherein said reduced transmission power is displayed as a percentage reduction from a maximum transmission power.
52. (New) The transceiver of claim 51, wherein said maximum transmission power is related to the maximum transmission power allowed by a radiocommunication system within which said transceiver is operating.

53. (New) A mobile station comprising:

means for measuring a temperature level in said mobile station;

means for reducing a transmission power associated with information transmission from
the mobile station responsive to said measured temperature level; and

means for providing an indication of said reduced transmission power.